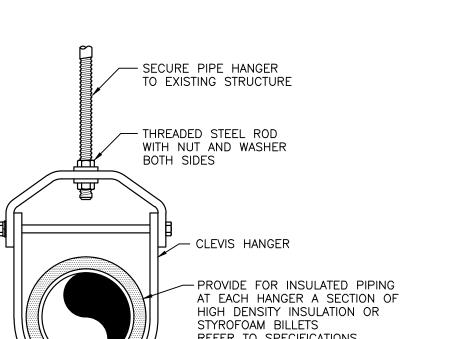


PIPE HANGER DETAIL

2" HUB DRAIN-

PLUMBING DWV RISER

SCALE: NO SCALE



REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. VTR SHALL BE LOCATED A MINIMUM OF TEN FEET HORIZONTAL FROM OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE. LOCATE VTR A MINIMUM OF ONE FOOT FROM ANY VERTICAL SURFACE. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS.

FLASHING COLLAR BY

ROOF MANUFACTURER.

MINIMUM 12" BELOW ROOF -

IF/WHERE CODE REQUIRES A MINIMUM 3" VENT THRU ROOF —

PROVIDE PIPE INCREASER

VERIFY PLUMBER'S

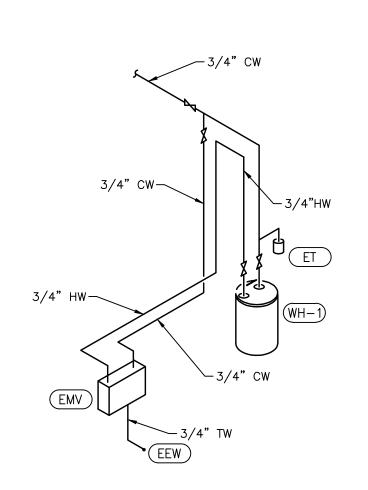
REQUIREMENTS.

STANDING SEAM

METAL ROOF.

ROOF PURLIN -





PLUMBING WATER RISER SCALE: NO SCALE

LOUVER SCHEDULE MARK SERVICE MANUFACTURER SIZE MIN. FREE AREA MAX. P.D. | NOTES MAX. VEL. (FPM) (IN. W.C ELF375DX EXHAUST RUSKIN 12x12 | 250 0.35 710 0.09 L-1 ALL NOTES: PROVIDE 1/4" MESH ALUMINUM BIRD SCREEN, AND BAROMETRIC RELIEF DAMPER. B. PROVIDE FINISH TO MATCH EXISTING LOUVERS. . FRAME TYPE SHALL MATCH WALL CONSTRUCTION, COORDINATE WITH ARCHITECT.

- PROVIDE TAPE TO SEAL

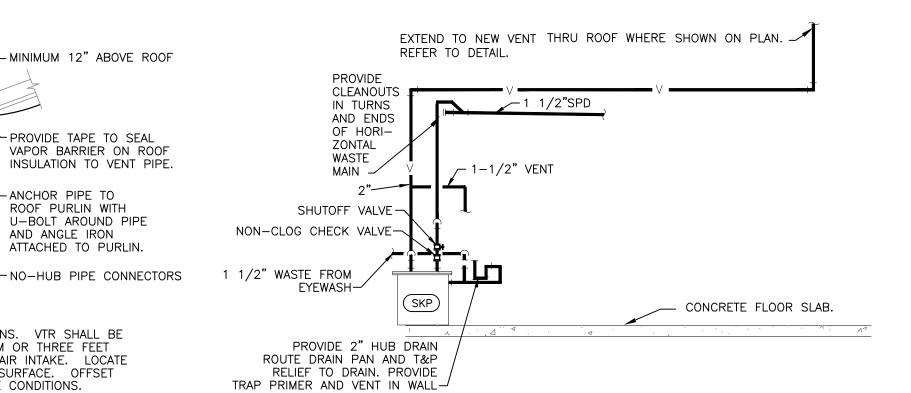
- ANCHOR PIPE TO

AND ANGLE IRON

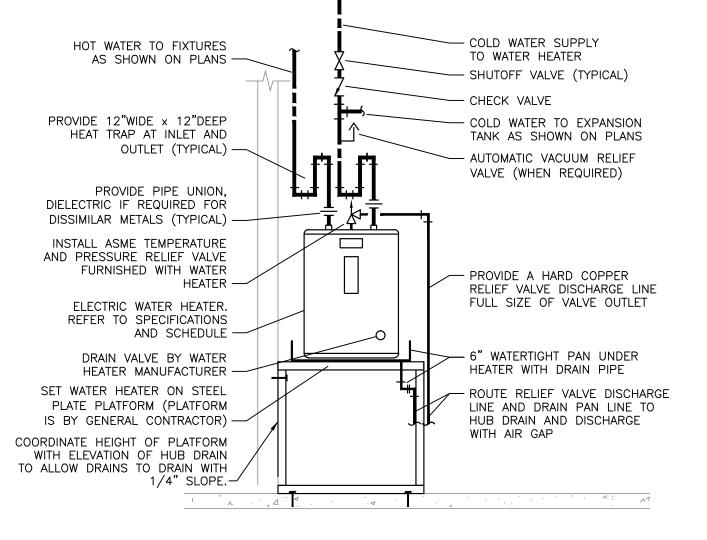
ROOF PURLIN WITH

U-BOLT AROUND PIPE

ATTACHED TO PURLIN.



SINK PUMP CONNECTINS



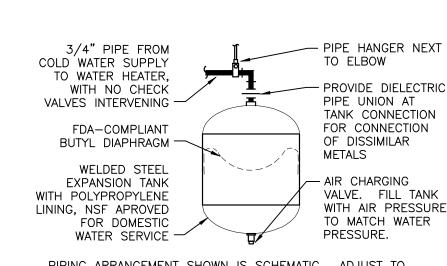
REFER TO SPECIFICATIONS, SCHEDULES AND NOTES FOR MORE INFORMATION. PIPING ARRANGEMENT SHOWN IS SCHEMATIC. VERIFY ALL CONNECTION SIZES AND LOCATIONS PER MANUFACTURERS REQUIREMENTS. ADJUST TO SUIT FIELD CONDITIONS. REFER TO FLOOR PLANS FOR PIPE SIZES. PROVIDE SEISMIC STRAP OR BRACING IF/AS REQUIRED BY LOCAL AUTHORITIES. POWER WIRING AND DISCONNECT SWITCH ARE SPECIFIED BY ELECTRICAL.

PLATFORM MOUNTED WATER HEATER SCALE: NO SCALE

PLUMBING FIXTURE SCHEDULE:

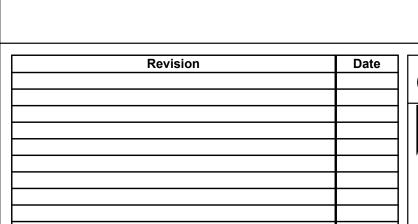
FIXTURES IN THIS SCHEDULE OR THEIR APPROVED EQUIVALENT ARE PROVIDED BY THE PLUMBING CONTRACTOR. SUBMIT SHOP DRAWINGS ON EACH OF THESE ITEMS. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION AND INSTALLATION REQUIREMENTS. VERIFY ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

- (EEW) <u>WALL-MOUNTED EMERGENCY EYE WASH:</u> GUARDIAN # G1814-T, 11-1/2" DIAMETER STAINLESS STEEL BOWL AND STAY-OPEN BALL VALVE, EPOXÝ COATED ALUMINUM FLAG HANDLE, CAST ALUMINUM WALL BRACKET, TWO FILTERED SPRAY HEADS WITH SELF REGULATING FLOW CONTROL AND DUST COVERS, 1-1/2" CHROME PLATED BRASS TAIL PIECE AND McGUIRE # 8912-C-F 1-1/2" 17 GAUGE TUBULAR CHROME PLATED BRASS ADJUSTÄBLE P-TRAP WITH BRASS CLEANOUT AND ESCUTCHEON., AND 1/2" INLET.
- (EMV) EMERGENCY MIXING VALVE: POWERS # ES150 AEQ 00, BRONZE BODY WITH ROUGH BRONZE FINISH, MEETING ASSE 1071, CORROSION RESISTANT INTERNAL PARTS, CHECK STOPS WITH REMOVABLE STRAINERS, DUAL INTERNAL COLD WATER BYPASS, PARAFFIN FILLED TEMPERATURE ELEMENT, DIAL THERMOMETER ON OUTLET, CAPABLE OF 4 GPM WITH A 5 PSI DIFFERENTIAL AND A MINIMUM FLOW RATE OF 1.0 GPM, AND STAINLESS STEEL WALL-MOUNTED CABINET. MAXIMUM TEMPERATURE STOP SET FOR 90 °F.
- (SKP) <u>SINK PUMP SYSTEM:</u> MYERS # ED-25, CAST IRON MOTOR HOUSING, THERMOPLASTIC VOLUTE CASE AND IMPELLER, CARBON AND CERAMIC MECHANICAL SEAL, 1/4 H.P. MOTOR CAPABLE OF 21 GPM AT 10 FEET OF HEAD, 1-1/2" DISCHARGE, 10 FOOT POWER CORD, AND 5 GALLON POLYPROPYLENE TANK WITH 1-1/2" INLET AND OUTLET AND 2" VENT OPENINGS. CONTROLS TO BE PROVIDED WITH SYSTEM. A. LITTLE GIANT B. MYERS C. ZOELLER PUMP CO
- TP-1) TRAP PRIMER: PRECISION PLUMBING PRODUCTS # PR-500 "PRIME RITE", CORROSION RESISTANT BRASS BODY, "O" RING SEALS, 1/2" INLET AND OUTLET, AND INTEGRAL VACUUM BREAKER. INSTALL THE VALVE AT A MINIMUM OF 12" ABOVE FINISHED FLOOR.
- (WH-1) WATER HEATER: A.O. SMITH # DEL-20, 20 GALLON GLASS LINED STORAGE TANK, ONE 3KW DIRECT—IMMERSION HEATING ELEMENT, SURFACE-MOUNTED THERMOSTATS, ANODE ROD, T & P VALVE, AND 15 GALLONS PER HOUR RECOVERY AT A 80 DEGREE TEMPERATURE RISE. SET WATER HEATER OPERATING TEMPERATURE TO 120 °F. ELECTRICAL REQUIREMENTS: 208 VOLT SINGLE PHASE, 14.4



PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION PROCEDURE. VERIFY PROPER OPERATION WHEN INSTALLED. PROVIDE SEISMIC STRAP OR BRACING WHEN REQUIRED BY LOCAL AUTHORITIES.

<u>SMALL EXPANSION TANK</u>



DRAIN WITH 1/2" PIPE

ANCHOR TO WALL.

INSTALL HERE (OR

ABOVE CEILING PER SEPARATE DETAIL).

DISCHARGE INTO HUB

DRAIN WITH AIR GAP

2" HUBLESS P-TRAP

INSTALL PARALLEL TO

WALL (RATHER THAN

SHOWN FOR CLARITY)

AND ANCHOR TO WALL.

PERPÈNDICULAR AS

PIPING ARRANGEMENT SHOWN IS SCHEMATIC: ADJUST TO SUIT FIELD CONDITIONS.

MATERIALS AS SPECIFIED. IF LAVATORY OR SINK IS HANDICAP ENABLED, INSTALL

INSTALL IN AN EXPOSED BUT UNOBTRUSIVE LOCATION. PROVIDE PIPE INCREASER

AUTHORITIES). PROVIDE ENGRAVED PLASTIC LABELS ATTACHED TO WALL NEXT TO

WALL PENETRATIONS: "CONDENSATE DRAIN", "OVERFLOW CONDENSATE DRAIN", "RELIEF

HUB DRAIN ABOVE FLOOR

ON HUB DRAIN IF REQUIRED FOR SIZE OR QUANTITY OF INDIRECT DRAIN PIPES. AT

PROVIDE PIPE SIZES OF INDIRECT DRAINS AS SHOWN ON PLANS, AND PIPE

P-TRAP SO IT DOES NOT ENCROACH ON ADA ACCESSIBILITY SPACE. ALWAYS

CONTRACTOR'S OPTION, HE MAY INSTALL HUB DRAIN ABOVE LAY-IN CEILING IF

ALLOWED BY LOCAL AUTHORITIES (AND TRAP PRIMER IF REQUIRED BY LOCAL

VALVE DISCHARGE", "WATER HEATER DRAIN PAN", ETCETERA AS APPROPRIATE.

WITH 2"X3" INCREASER.

PER LOCAL CODE

REQUIREMENTS

CONSULTANTS: HENDERSON ENGINEERS¥ 8325 LENEXA DRIVE LENEXA, KS 66214 TEL 913 742 5000 FAX 913 742 5001

www.hei-eng.com

KS. CORPORATE NUMBER: E-325 EXPIRES 12/31/12

AS SHOWN ON PLANS,

CONCEALED IN WALL OR

CONNECT TRAP PRIMER

FOR FIXTURE

TO COLD WATER SUPPLY

ARCHITECT:

p. 816 525 9833 f. 816 524-9005 www.tom-arch.com ASSOCIATES, INC DBA/ TOMPKINS ARCHITECTS.

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Drawing Title **DETAILS**

VA CMOP EYE WASH AND WELDING HOOD

10.16.2015

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